

Appendix B. Summary of Answers to Acres Planted and Related Questions.				
County Number	County Name	Question Code*	Answer	Comments
1	Alameda	Nu. 11	Current	County indicated "Planting Date", but meaning is not clear.
		AP 1	Yes	Transferred to the Pesticide Use Report (PUR) program automatically
		AP2	No	Updates not typical
		AP3		Corrected retroactively.
		AP4	Yes	Grower discretion
		AP5		1. As reported by grower. 2. Past crop reports.
3	Amador	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	Updates not typical
		AP3		Both can happen
				1. Planting a vineyard may not plant entire site at one time. 2. Due to contracts with processors, may not plant entire field.
		AP4	Yes	3. May need buffer zone between crop & sensitive area
				1. Review acreage on permits & IDs. 2. Check with grower groups. 3. Check with processors. 4. Check with Agricultural Statistics Branch of the California Department of Food and Agriculture (CDFA).
		AP5		
4	Butte	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	Change in acreage may occur due to lack of water, seed, weather, etc.
		AP3		From date of update forward. (Good example provided.)
		AP4	Yes	See Butte County answer to AP2
				1. A list is printed from permit program by crop. 2. Send letter to growers from crop list, asking for crop statistics., e.g. harvested acres, production. 3. Send letter to processors and other handlers for crop data. 4. Crop data are then compared to estimate reasonable crop figures.
		AP5		

County Number	County Name	Question Code*	Answer	Comments
5	Calaveras	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	At continuing permit issuance or supplemental permit
		AP3		From date of update forward.
		AP4	No	
		AP5		1. Grower surveys. 2. Biologist's knowledge.
6	Colusa	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	When acreage varies from original acreage
		AP3		From date of update forward.
		AP4	No	Unless designated by grower.
		AP5		1. Acres information from the permits. 2. Information from U.S. Department of Agriculture (USDA). 3. Industry.
7	Contra Costa	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	When a change in acreage is indicated on a PUR for a given site, the county changes the existing permit.
		AP3		Corrected retroactively.
		AP4	Yes	See Contra Costa answer to AP2
		AP5		Statistics on harvested acreage gathered by personal interview with grower at time permit is issued.
8	Del Norte	Nu. 11	Current	
		AP 1	No	Acres planted not automatically transferred to PUR
		AP2	Yes	In summer/fall, they know where and how many acres will be in easter lilies for the upcoming year.
		AP3		Corrected retroactively, manually
		AP4	No	
		AP5		1. From permits. 2. From questionnaire sent to growers.
9 & 2	El Dorado/ Alpine	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	If there is a problem with planted acres vs. applied acres
		AP3		From date of update forward.
		AP4	No	
		AP5		Questionnaire sent to growers.

County Number	County Name	Question Code*	Answer	Comments
10	Fresno	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	Only if also change the crop or split the site.
		AP3		From date of update forward - updates seldom happen.
		AP4	No	See Fresno answers to AP2 and AP3
		AP5		1. Generally from permit data. 2. Use industry sources if think their data better. 3. For permanent plantings, adjust to show only bearing acreage.
11	Glenn	Nu. 11	Current	They used to delete old acres & enter new crops & acres. Now keep and designate new site # with an identifying number to match new crop (e.g. Site 1C (for corn).
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	Grower or advisor usually notifies county of any change in acreage.
		AP3		From date of update forward.
		AP4	Yes	When grower decides to plant a different amount, they usually notify the county of changes.
		AP5		1. For orchard crops use California Crop and Livestock Reporting Service (for bearing acreage). 2. For field crops use industry figures. 3. Also use current year permits in computer.
12	Humboldt	Nu. 11	Current	
		AP 1	No	Acres planted not automatically transferred to PUR
		AP2	No	
		AP3		From date of update forward.
		AP4	No	
		AP5		1. Milk and livestock from CDFA and California Agricultural Statistics Service (CASS). 2. All others from mail surveys.

County Number	County Name	Question Code*	Answer	Comments
13	Imperial	Nu. 11		New permit year. Permit year is from July 1 to June 30. We designate plant date.
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	Some add/delete acreage shortly after or during planting. At that time they submit supplement amending acreage.
		AP3		From date of update forward.
		AP4	Yes	Many circumstances. Example: Part of the crop fails (we are rarely notified of decreased acreage). Also, see Imperial County answer to AP2.
		AP5		1. For most vegetable crops, permit acres obtained from pesticide files. 2. Harvested vegetable acres from direct contact with growers. 3. For most field crops, figures obtained from Imperial Irrigation District records.
14 & 26	Inyo/Mono	Nu. 11	Current	
		AP 1	No	Acres planted not automatically transferred to PUR
		AP2	Yes	When major changes occur or different crops.
		AP3		From date of update forward.
		AP4	No	
		AP5		1. Survey growers. 2. History. 3. Assessor maps.
15	Kern	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	Not generally but will update if information from ACS acreage is different from permitted acreage.
		AP3		Corrected retroactively. If acreage update is greater than 10%, a new site ID is issued.
		AP4	No	
		AP5		1. CASS and industry paid services through CASS. 2. Survey for permanent acreage crops. 3. Permit data. 4. Mailouts to permittees. 5. Phone calls. 6. Local agencies such as Pink Bollworm for cotton acreage, and others.

County Number	County Name	Question Code*	Answer	Comments
16	Kings	Nu. 11	Not Applicable	Different site IDs are assigned.
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	If acreage is larger than site is permitted for.
		AP3		Corrected retroactively.
		AP4	Yes	We use the growers estimate at time of permit issuance.
		AP5		1. Data taken from permit system in August, prior to additions for the next season's crops. 2. CDFA. 3. Pink bollworm project (cotton).
17	Lake	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	Most permits & OIDs are for permanent crops
		AP3		From date of update forward.
		AP4	Yes	Sometimes field crop acreage changes between planting and treatment due to fire, flood, other unplanned event.
		AP5		Since majority of crops are permanent, acreage rarely changes. When it does, they adjust estimates accordingly.
18	Lassen	Nu. 11	Not Applicable	
		AP 1	No	Acres planted not automatically transferred to PUR
		AP2	No	
		AP3	No Answer	
		AP4	No	
		AP5		1. Look at permitted acres from permits. 2. Survey. 3. Extension services. 4. RCD. 5. Farm bureau. 6. Cattlemen. 7. Livestock markets. 8. Wild rice processor. 9. Contact producer and their marketing company.
19	Los Angeles	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3		From date of update forward.
		AP4	Yes	Strawberry field fumigation buffer zone.
		AP5		1. Interview growers.

County Number	County Name	Question Code*	Answer	Comments
20	Madera	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP 2	No	
		AP 3		From date of update forward.
		AP 4	Yes	If new trees are planted and are non-bearing, may not be treated.
		AP 5		1. Permit information. 2. Visits to site. 3. Measurement of site borders.
21	Marin	Nu. 11	Current	
		AP 1		Don't know.
		AP2	No	Rarely applies to Marin.
		AP3		From date of update forward.
		AP4	Yes	Not common. Between plantings or winter fallow ground.
		AP5		1. Crop report surveys. 2. Phone calls to growers/ranchers. 3. Numbers from prior years. 4. Talk with key contacts. 5. Olive & vineyard acreage rather constant, although vineyard acres are slightly increasing.
22	Mariposa	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	No explanation given.
		AP3		From date of update forward.
		AP4	No	
		AP5		1. Grower questionnaires. 2. Agricultural census (CASS) 3. Farm advisors. 4. Historical knowledge. 5. County assessor.
23	Mendocino	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3		From date of update forward.
		AP4	Yes	Vegetable and grain acreage can be less than on permit if there is a wet spring and they can't plant.
		AP5		1. Grower contact. 2. If grower doesn't respond, they use permit information.

County Number	County Name	Question Code*	Answer	Comments
24	Merced	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3		From date of update forward.
		AP4	Yes	When grower only plants part of the site.
		AP5		1. Primarily based on permit acreage. 2. Adjustments are made when conflicts with permanent crop acreage figures. 3. Industry reports. 4. Acreage from other government agencies.
25	Modoc	Nu. 11	Current	
		AP 1	No	(But they use the DPR programs for permits & pesticide use reporting.)
		AP2	No	
		AP3		Corrected retroactively.
		AP4	Yes	Certified seed fields may have areas plowed under after inspection.
		AP5		Do not use Restricted Materials Permit (RMP) system to estimate crop acres, yield, or value for annual crop report.
27	Monterey	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3		From date of update forward.
		AP4	No	
		AP5		1. Harvested acres reported by selected surveys.

County Number	County Name	Question Code*	Answer	Comments
28	Napa	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	Only time we get update is when new person takes over site or if higher acreage on the use report.
		AP3		Corrected retroactively.
		AP4	Yes	Some growers include whole parcels and others include area plus lanes and others interpretation based on spacing & number of plants.
		AP5		1. Acreage information from grower IDs 2. Assesors office 3. Nursery licenses. 4. Organic producers. 5. Surveys. 6. Observations. 7. Grape production from State Grape Crush Rep. 8. Diamond Walnut for walnut production. 9. Gross sales from organic and nurseries. 10. Computer program calculates bearing and non-bearing acreage. 11. Permanent crops from State.
29	Nevada	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3	No Answer	
		AP4	Yes	Grower planted additional acres mid year.
		AP5		1. Direct contact with growers.
30	Orange	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3		From date of update forward.
		AP4	Yes	
		AP5		1. Grower survey. 2. If can't contact grower, inspector estimates.
31	Placer	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3		From date of update forward.
		AP4	No	
		AP5		1. Permit program compare with: 2. USDA, 3. Packing sheds, 4. Co-operatives, 5. Grower associations, 6. Organic program.

County Number	County Name	Question Code*	Answer	Comments
32&46	Plumas/	Nu. 11	Current	
	Sierra	AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	Change in plans from original planted acreage, will change the acreage on different ID
		AP3		From date of update forward.
		AP4	No	Theoretically
		AP5		1. Survey producers and compare this with: 2. Neighboring counties, 3. State information, 4. State timber report.
33	Riverside	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	If an increase occurs.
		AP3		From date of update forward.
		AP4	Yes	Grower may decide not to plant as much or lose planting to disease, etc. or may want to use property for other uses.
		AP5		1. Grower surveys. 2. Commodity group surveys.
34	Sacramento	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	Starting to see some updates from PCAs
		AP3		Corrected retroactively
		AP4	No	
		AP5		1. From permits. 2. Directly from growers.
35	San Benito	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	Only when we receive the PUR for the site.
		AP3		From date of update forward.
		AP4	No	
		AP5		1. Grower questionnaire.
36	San Bernardino	Nu. 11	Current	If acreage changes in fall, permit updated
		AP 1	No	Acres planted not automatically transferred to PUR
		AP2	Yes	If grower plants after permits are taken out, permit will be updated.
		AP3		The only updates made would be prior to pesticide application, so numbers would be same for all PURs.
		AP4	No	
		AP5		1. Each grower contacted.

County Number	County Name	Question Code*	Answer	Comments
37	San Diego	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3		Corrected retroactively.
		AP4	Yes	When crop goes out of production, acres for the crop are still designated in the computer.
		AP5		1. Livestock and grain information from CDFA 2. Tree crop information from CDFA tree crop survey. 3. Nursery data from licensing info. 4. Industry sources e.g. avocado commission operator identification number data.
38	San Francisco	Nu. 11	No answer	
		AP 1	Yes	Transferred to PUR automatically
		AP2		Fixed amount of acreage.
		AP3	Not Applicable	
		AP4	Not Applicable	
		AP5		Acreage is fixed for the few growers they have.
39	San Joaquin	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically, beginning 1994
		AP2	Yes	If acres on PUR don't match permit database (+/- 5 acres), a biologist contacts operator for an update to the permit.
		AP3		From date of update forward.
		AP4	Yes	If a PUR hasn't been received that points out the difference.
		AP5		1. Planted acres in permit program compared with those reported in PUR database. 2. Commodity groups. 3. CDFA (CASS) statistics. 4. CAC survey data. 5. Adjustments made for orchard & vineyard crops for nonbearing acres.
40	San Luis Obispo	Nu. 11	Current	
		AP 1	No	Acres planted not automatically transferred to PUR
		AP2	Yes	For permanent crops, not rotational
		AP3		From date of update forward.
		AP4	Yes	
		AP5		1. Permit and PUR databases. 2. Surveys mailed to growers. 3. Verify with UCCE farm advisors. 4. Industry. 5. Marketing channels.

County Number	County Name	Question Code*	Answer	Comments
41	San Mateo	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	If more area is planted.
		AP3		Corrected retroactively.
		AP4	Yes	A site can be planted in weekly intervals (or longer) or harvested at different times. Planted acres reflect maximum acreage anticipated by grower at time permit or supplemental issued.
		AP5		1. Grower survey. 2. PUR database. 3. Organic registration. 4. Direct marketing registration. 5. Historical knowledge.
42	Santa Barbara	Nu. 11	Current	
		AP 1	Yes	But during data entry, the option exists to change the acres planted, and is consistently done for vegetable crops.
		AP2	No/Yes	No for vegetable crops, yes for permanent crops. In veg crops, they issue site IDs for entire contiguous property. Veg farmers will update planted acreage on their NOI or PUR. Permanent crops, sometimes growers will inform us they have increased their acreage. If adding a separate location, they will definitely tell the county.
		AP3		Corrected retroactively.
		AP4	Yes	Veg growers give their planting plans for entire year. The county issues a site ID that refers to a contiguous plot of land that may be planted. Growers may plant within a plot and change their site ID to reflect the specific planting.
		AP5		1. Permit program used to estimate permanent crops, but not vegetable crops. 2. Growers provide acreage information.
43	Santa Clara	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3		From date of update forward.
		AP4	Yes	When grower fails to provide correct acreage or when a crop is planted or harvested in intervals.
		AP5		1. Initially estimated from RMP program but inaccurate permits subtracted out. 2. Grower also contacted for acreage.

County Number	County Name	Question Code*	Answer	Comments
44	Santa Cruz	Nu. 11	Current	
		AP 1		Not always
		AP2	Yes	Vegetables may replace strawberries. Permanent crops hardly ever change.
		AP3		From date of update forward.
		AP4	Yes	Part of a field is held for a second year in berries or change in choice of vegetables.
		AP5		1. Permanent crop and berry acreage from PMTBDF (permit) records. Reviewed for errors. 2. Vegetables determined from current use data but are not adjusted for acreage plowed under or not harvested, so values are high. 3. Grower surveys.
45	Shasta	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	Grower may over- or underestimate size of field at beginning of the year, so changes are made.
		AP3		From date of update forward, unless a pesticide application was made to the field, and the correct acreage was not indicated, then it may be corrected retroactively.
		AP4	Yes	In beginning of season, grower estimates planted acres but realizes actually has more or less when applies a pesticide. Then change is made to permit.
		AP5		1. Query of permit program gives acres planted. 2. Grower questionnaires indicate harvested acres. 3. Other sources, e.g. industry reports.
47	Siskiyou	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	If treated acres exceed planted acres on the permit, permittee required to update acreage.
		AP3		From date of update forward.
		AP4	No	
		AP5		1. From permits and operator IDs. 2. Grower survey. 3. Telephone survey of cooperatives. 4. Irrigation districts. 5. Packing sheds, etc.

County Number	County Name	Question Code*	Answer	Comments
48	Solano	Nu. 11	Fall Planting	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	When updating permits and when asked.
		AP3		From date of update forward.
		AP4	No	
		AP5		1. Crop data from restricted materials permit program for planted acres of each crop. 2. Federal and state reports. 3. Industry reports and estimates.
49	Sonoma	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	Planting more acres.
		AP3		From date of update forward.
		AP4	No	
		AP5		1. Acreage survey.
50	Stanislaus	Nu. 11	Not Applicable	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	PCA or operator says acres are wrong.
		AP3		From date of update forward.
		AP4		Rarely (see AP2).
		AP5		1. Surveys sent to all growers who have permits or operator IDs., requesting acres planted & harvested. 2. U.C. cooperative extension farm advisors. 3. Agricultural industry. 4. Gather information from county inspectors on activity in their district regarding harvesting, planting, and removals.
51	Sutter	Nu. 11	Current	
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	When operator has new ground and estimates the acreage planted.
		AP3		From date of update forward.
		AP4	Yes	Sometimes areas of the field fail, i.e. drown, weedy, blow over.
		AP5		1. DF query from dataflex program. 2. Farm advisor information. 3. Commodity group information. 4. Compare with total farmed areas in the county.

County Number	County Name	Question Code*	Answer	Comments
52	Tehama	Nu. 11		Depends on when treated.
		AP 1	Yes	Transferred to PUR automatically
		AP2	No	
		AP3		From date of update forward.
		AP4	Yes	If operator changes acres from initial ID issuance
		AP5		1. RMP database for some crops. 2. Orchard records provided by USDA.
53	Trinity	Nu. 11	Fall Planting	
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	Permit conditions require Ag. Office be notified of any changes in the site during the year.
		AP3		Corrected retroactively.
		AP4	No	At time permit issued, grower indicates maximum acres to be planted. Treated acres may be less.
		AP5		1. Planted acres from permit. 2. Grower interviews, especially for tree crops and grapes to be sure acres are production acres.
54	Tulare	Nu. 11	Not Applicable	Make location commodity change to reflect new commodity.
		AP 1	Yes	Transferred to PUR automatically
		AP2	Yes	Whenever there is a change.
		AP3		Corrected retroactively.
		AP4	Yes	Planned for 100 and decided only 15 acres.
		AP5		1. Pesticide use permits. 2. Certified farmers market producer lists. 3. CDFA acreage surveys by crop type. 4. CDFA permanent plantings report. 5. Annual irrigation district reports. 6. Direct mail-outs to producers, esp. misc. crops 7. U.C. cooperative extension. 8. County assessors office. 9. Organic registration program, OR a combination of above, depending on commodity.
55	Tuolumne	Nu. 11	Not Applicable	
		AP 1	No	
		AP2	Yes	Forestry plantings.
		AP3		Corrected retroactively.
		AP4	Yes	Forest plantings are usually underestimated.
		AP5		Do not use PUR information for crop reports.

County Number	County Name	Question Code*	Answer	Comments
56	Ventura	Nu. 11	Current	
		AP 1	No	(But they use the DPR programs for permits & pesticide use reporting.)
		AP2	No	
		AP3		From date of update forward.
		AP4	Yes	Permits are based on ranch site. If site is 40A, they will be permitted for 40 acres of each crop. Actual planting may be only 5 acres of each crop.
		AP5		1. Mailouts sent annually to growers 2. Mailouts sent to packers. 3. Biologists follow-up to get more information. 4. For tree crops, rely on crop statistics branch. (Permit system is not used because it is a geographic site system.)
57	Yolo	Nu. 11	Current	
		AP 1	No	(But they use the DPR programs for permits & pesticide use reporting.)
		AP2	Yes	Split a field or contract acres were changed.
		AP3		From date of update forward.
		AP4	Yes	Didn't plant entire acreage due to weather.
		AP5		1. Permit information (RMP program). 2. Letters sent to growers for harvested acres. 3. Information collected from processors.

County Number	County Name	Question Code*	Answer	Comments
58	Yuba	Nu. 11	Not Applicable	
		AP 1	No	(But they use the DPR programs for permits & pesticide use reporting.)
		AP2	Yes	If units treated exceed units planted on permit.
		AP3		Corrected retroactively.
		AP4	Yes	More acres reported in a PUR then on permit. Grower contacted to resolve the difference.
		AP5		1. Periodic surveys of crops compared with that year's data base.
Question Code:				
Nu. 11: If a crop is planted in the fall of 1997 and harvested in spring of 1998 and site location ID is the same for the field in each of those years, do the planted acres in 1998 refer to the overwintered planting still in the ground in the spring or to the subsequent fall planting later in 1998?				
AP 1: Are the estimated acres planted entered into the Permit/Operator ID Programs and automatically transferred to the PUR?				
AP 2: Do operators generally update the estimated acres planted for a crop on their permits during the year? If yes, under what circumstances?				
AP 3: If an operator updates the acres planted during the year, are these numbers (acres planted) corrected retroactively for that crop cycle (planting through harvest) in the PUR, or only from the date of the update forward - as automatically provided by the software?				
AP 4: At any time during the calendar year do planted acres differ from actual acres in the field? If yes, under what circumstances?				
AP 5: How does your county estimate planted/harvested acres of a particular crop for the County Crop and Livestock Report? Please describe this process and list other sources of information.				